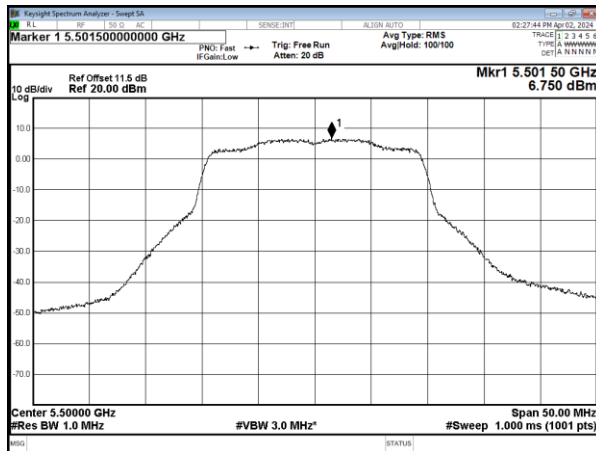




UNII-2C

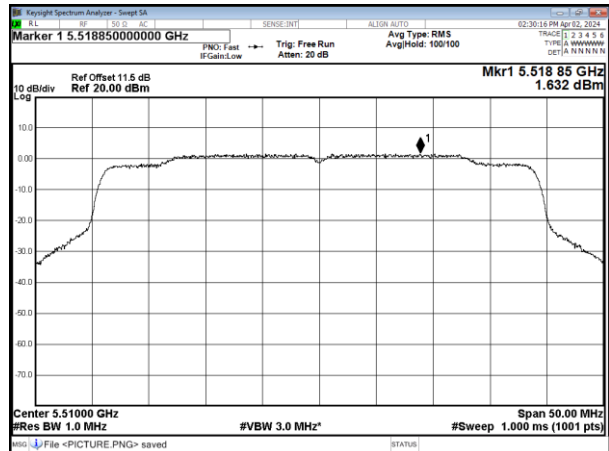
Modulation Standard: 802.11 ax HE20

CH100

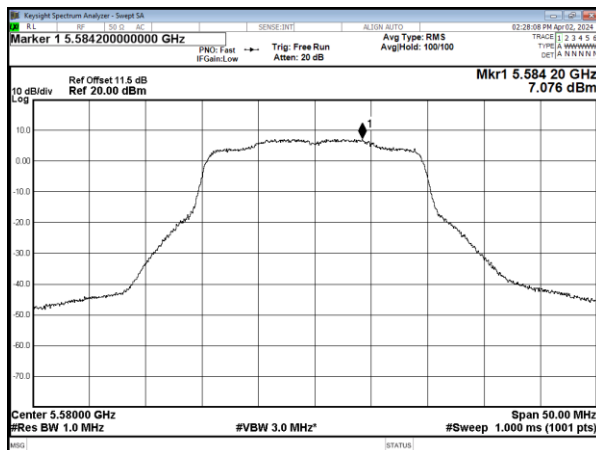


Modulation Standard: 802.11 ax HE40

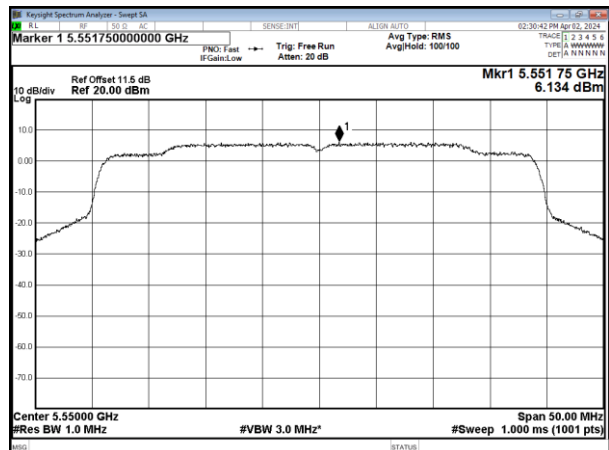
CH102



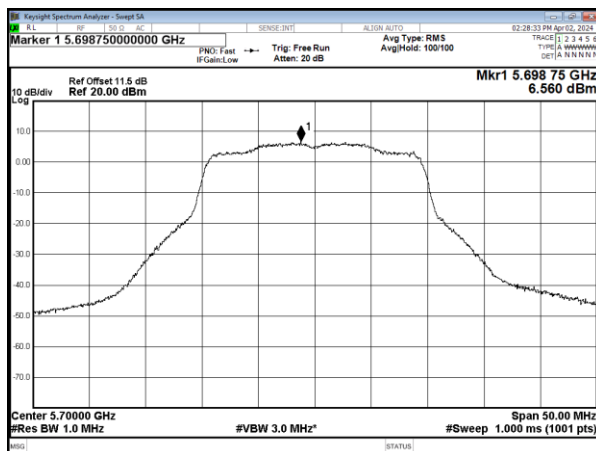
CH116



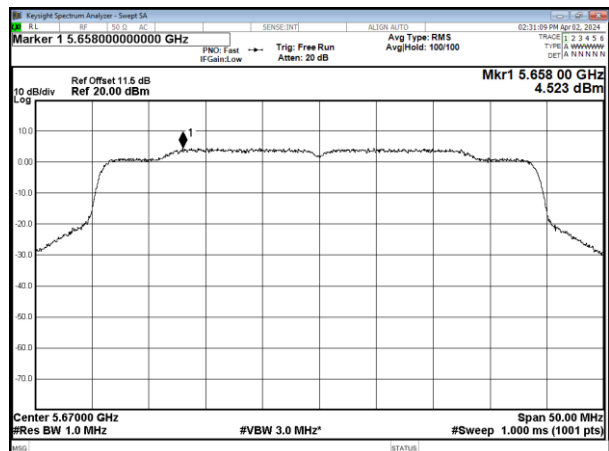
CH110



CH140



CH134

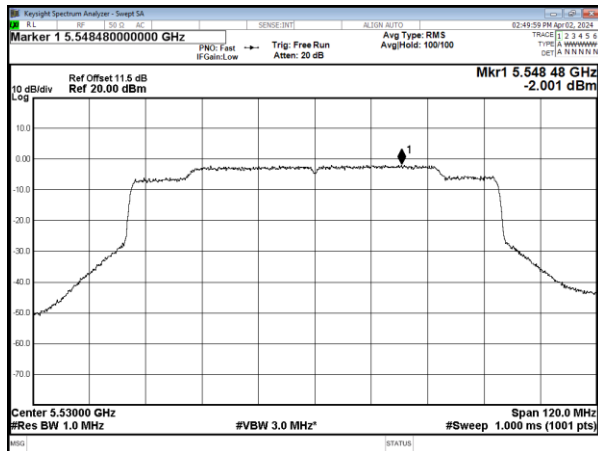




UNII-2C

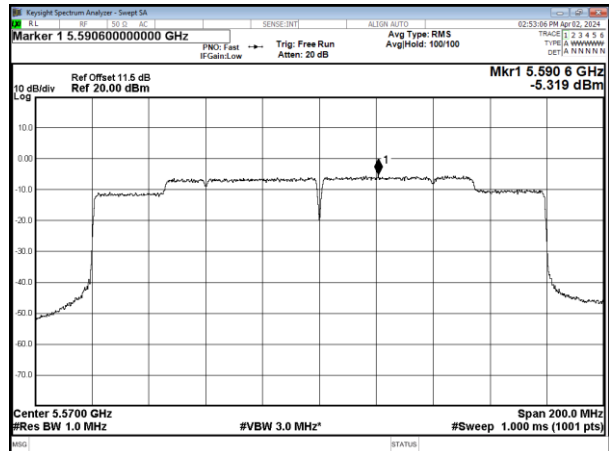
Modulation Standard: 802.11 ax HE80

CH106

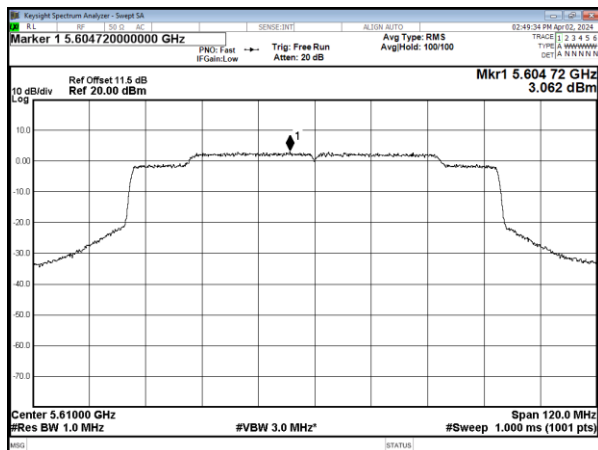


Modulation Standard: 802.11ax HE160

CH114



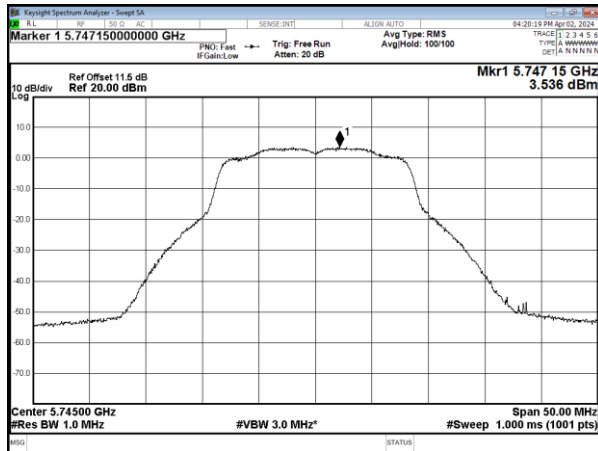
CH122



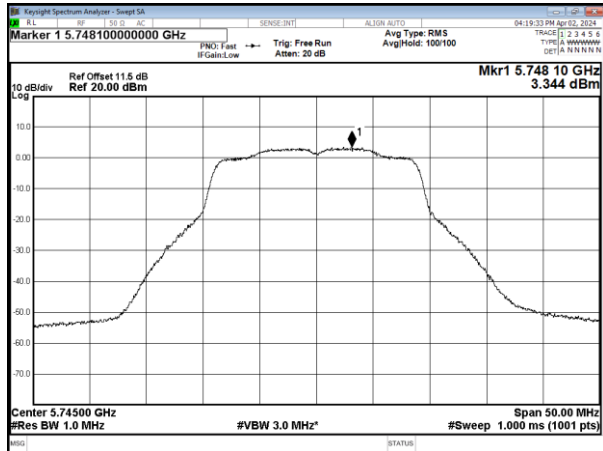


## UNII-3

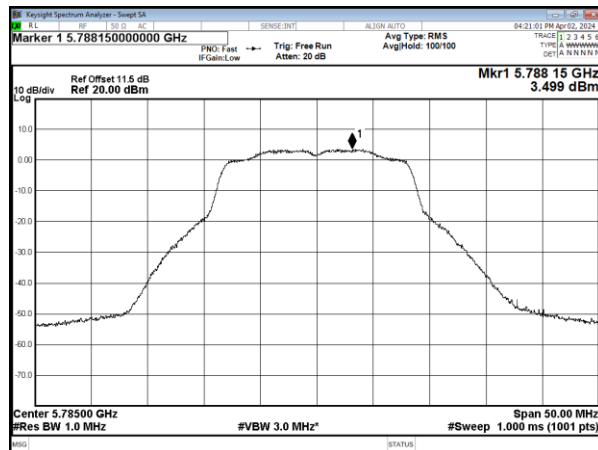
Modulation Type: 802.11a  
CH149



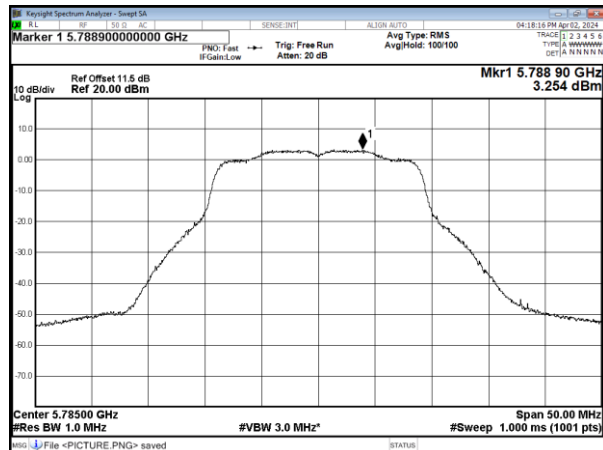
Modulation Type: 802.11ac, VHT20  
CH149



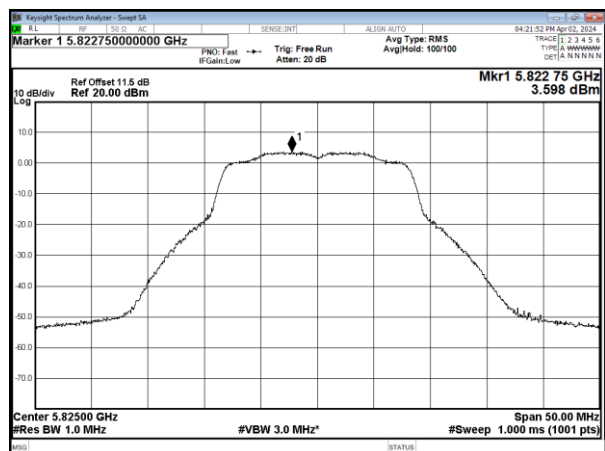
## CH157



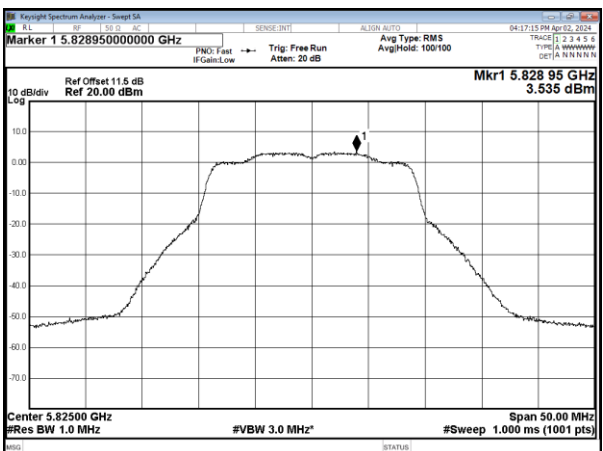
## CH157



## CH165



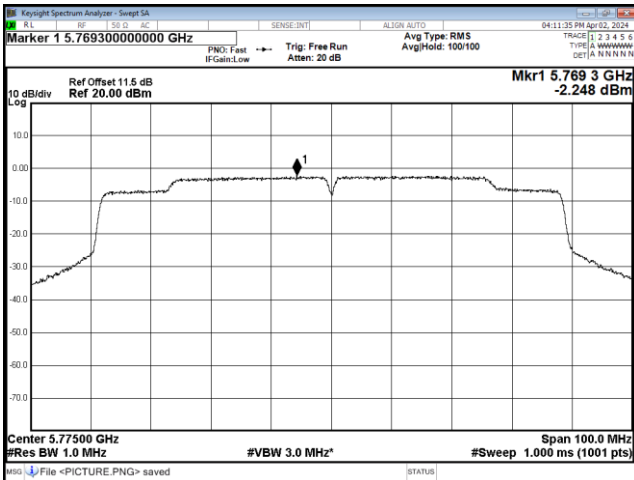
## CH165



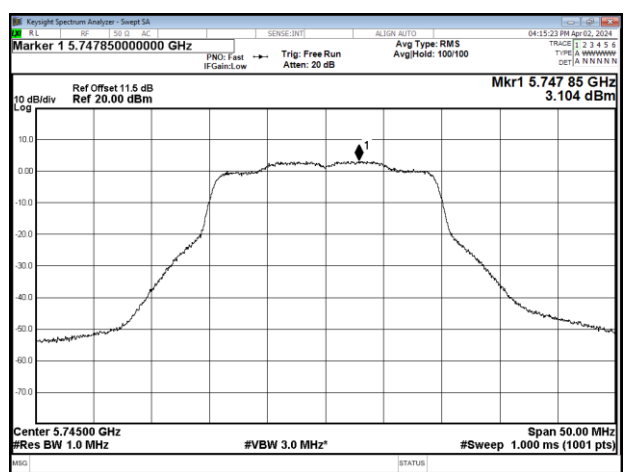


UNII-3

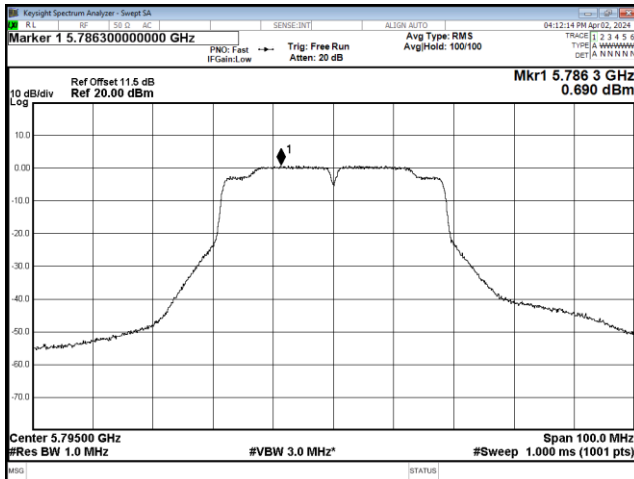
Modulation Type: 802.11ac, VHT40  
CH151



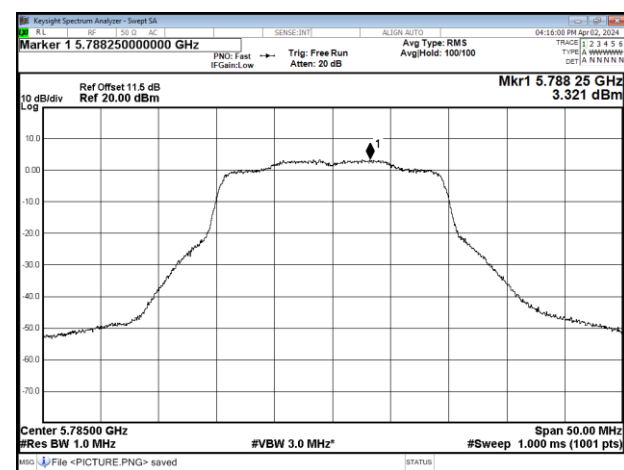
Modulation Type: 802.11ax HE20  
CH149



CH159

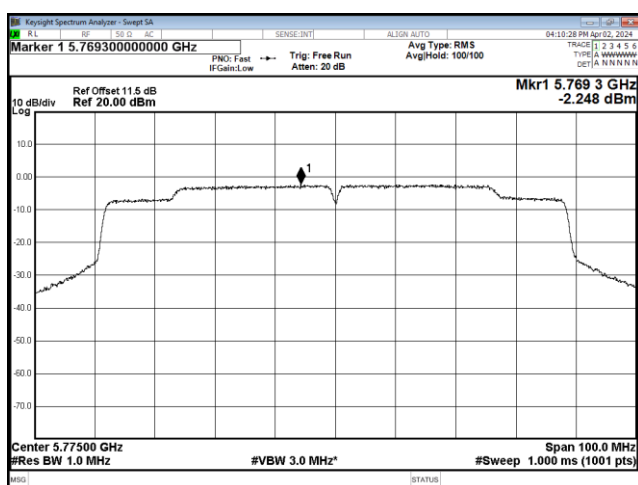


CH157

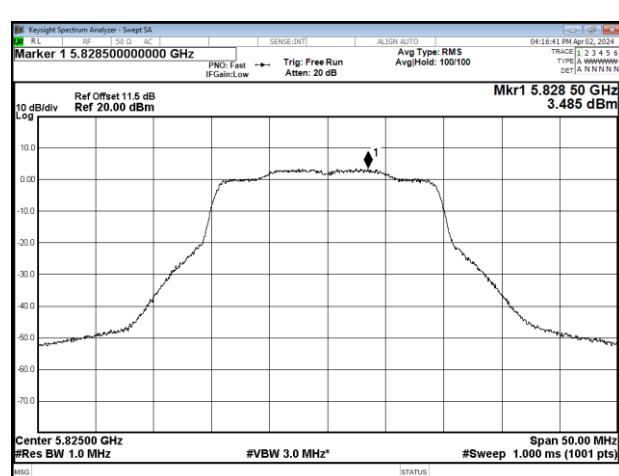


Modulation Type: 802.11ac, VHT80

CH155



CH165

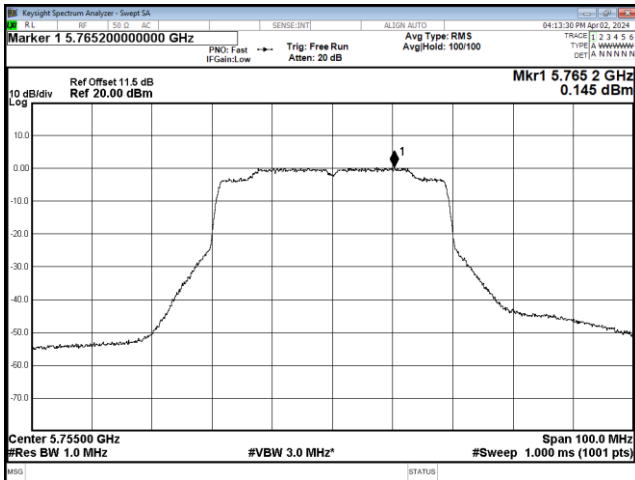




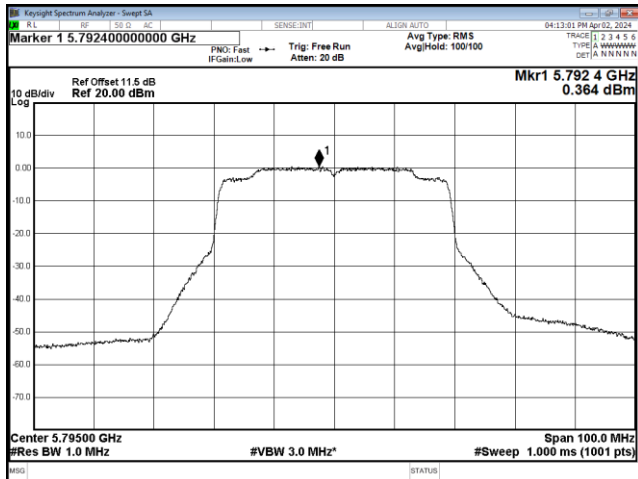
## UNII-3

Modulation Type: 802.11 ax HE40

CH151

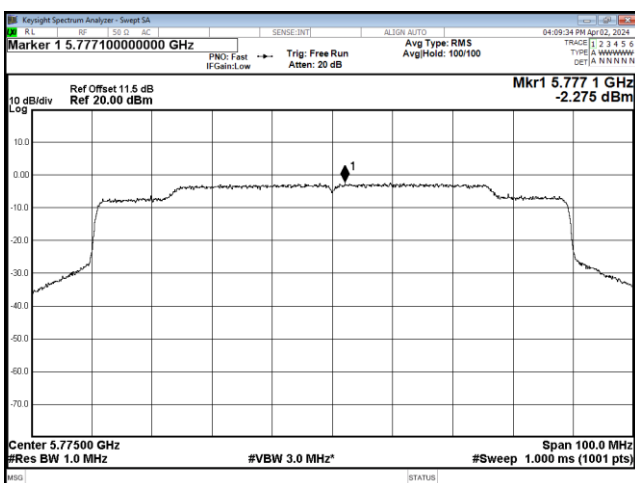


## CH159



Modulation Type: 802.11ax HE80

CH155

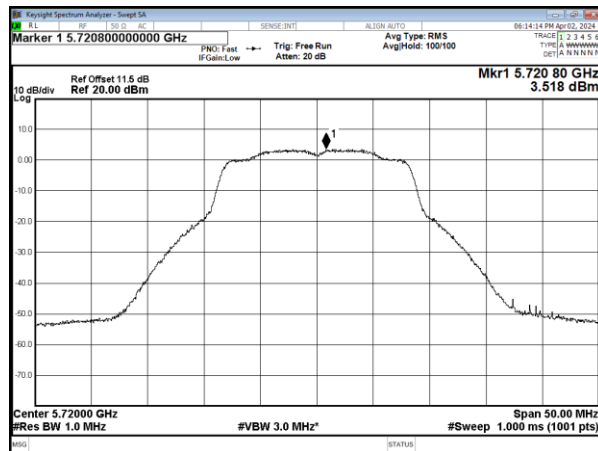




Band: Straddle Channel

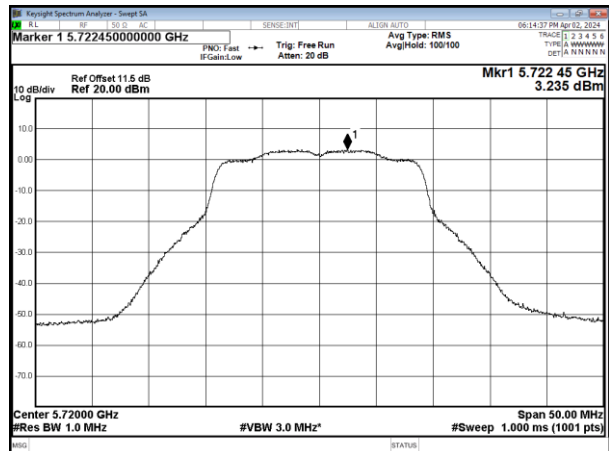
Modulation Standard: 802.11a

CH144



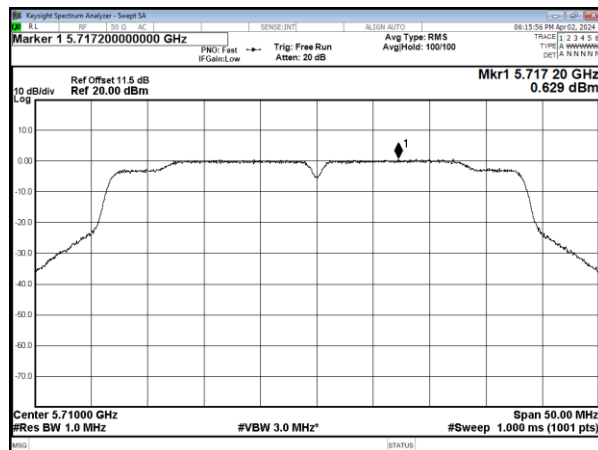
Modulation Standard: 802.11ac VHT20

CH144



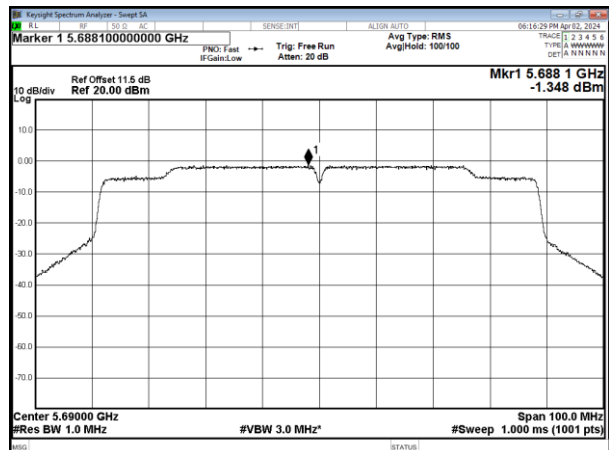
Modulation Standard: 802.11ac VHT40

CH142



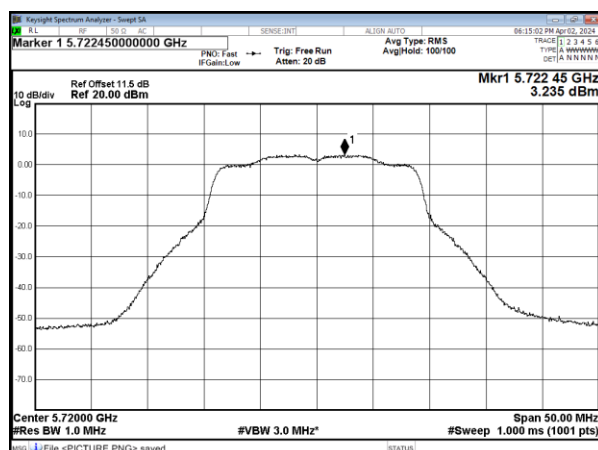
Modulation Standard: 802.11ac VHT80

CH138



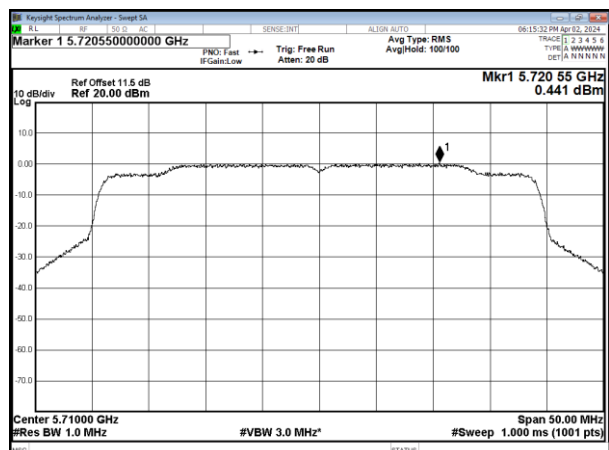
Modulation Standard: 802.11 ax HE20

CH144



Modulation Standard: 802.11 ax HE40

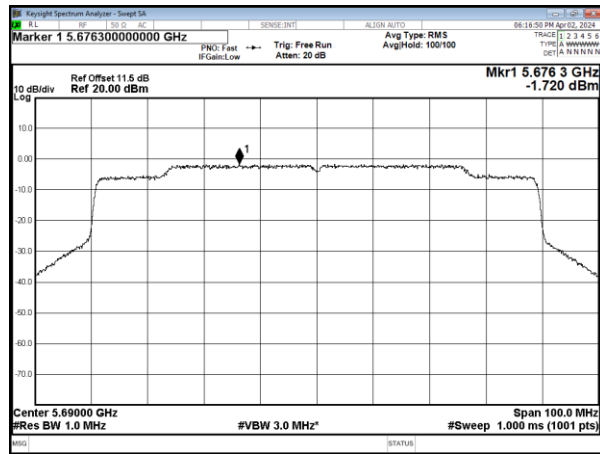
CH142





Modulation Standard: 802.11 ax HE80

CH138



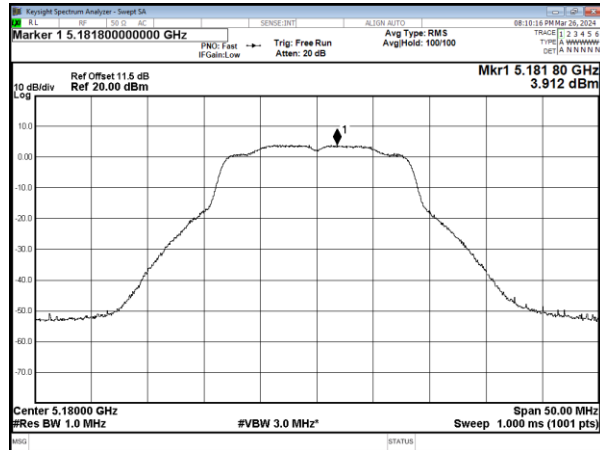


## MIMO (ANT B)

UNII-1

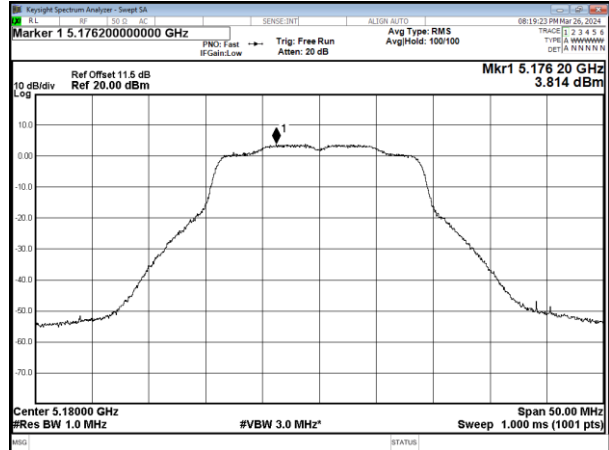
Modulation Standard: 802.11a

CH36

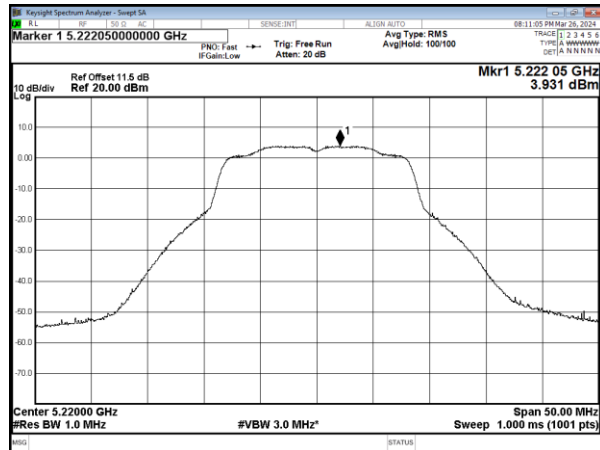


Modulation Standard: 802.11ac VHT20

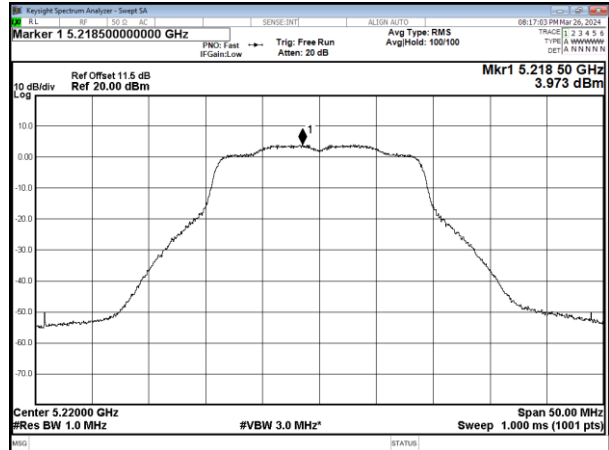
CH36



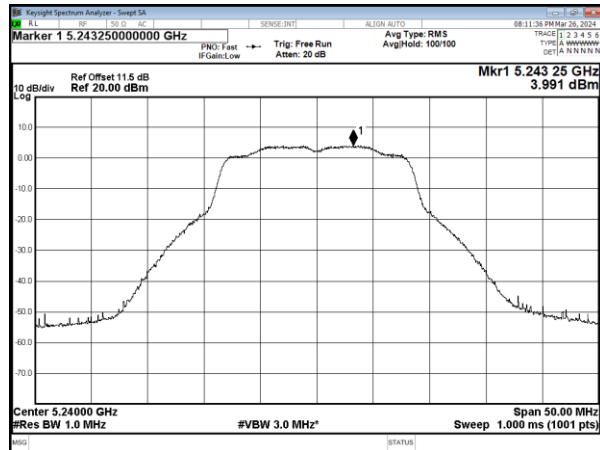
CH44



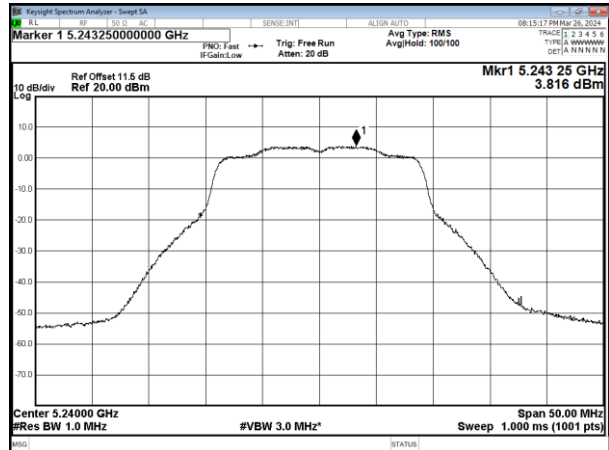
CH44



CH48



CH48

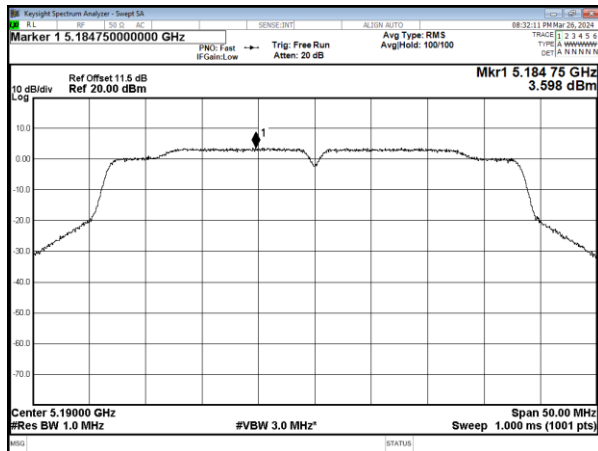




UNII-1

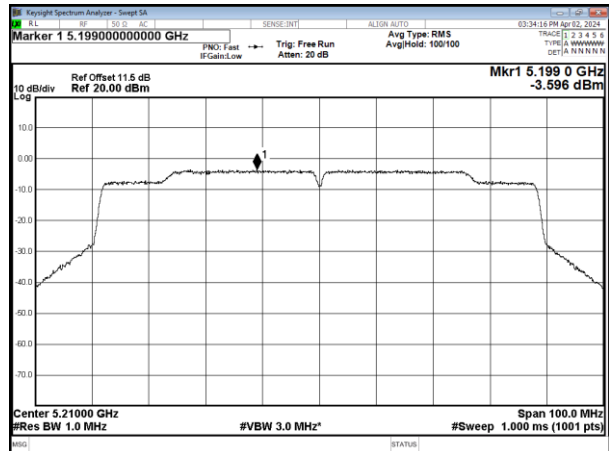
Modulation Standard: 802.11ac VHT40

CH38



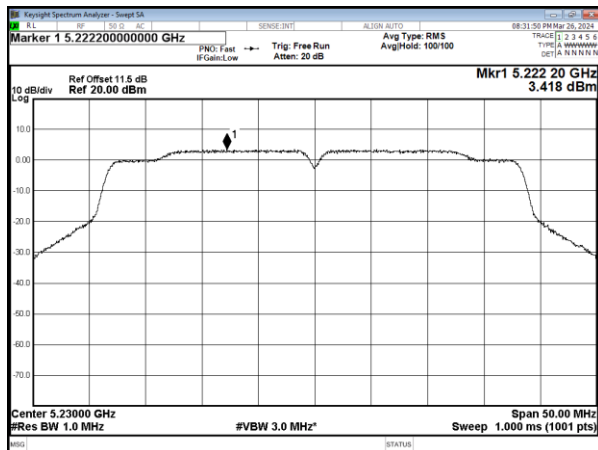
Modulation Standard: 802.11ac VHT80

CH42

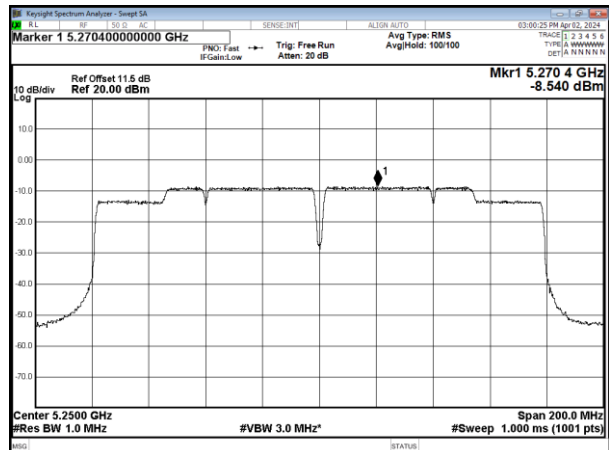


Modulation Standard: 802.11ac VHT160

CH46



CH50

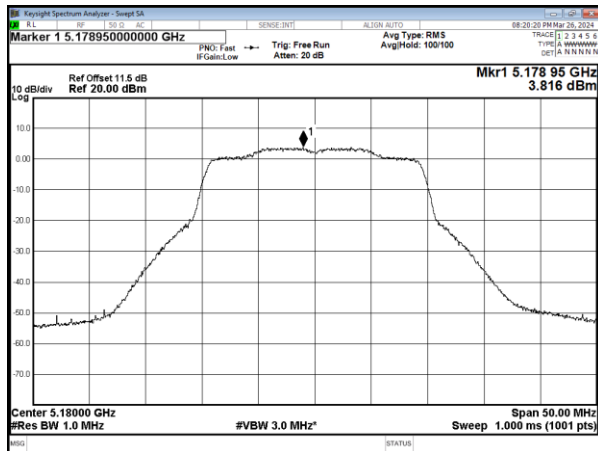




UNII-1

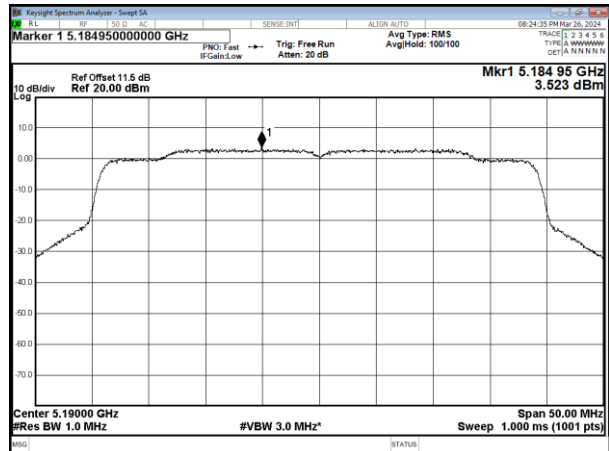
Modulation Standard: 802.11 ax HE20

CH36

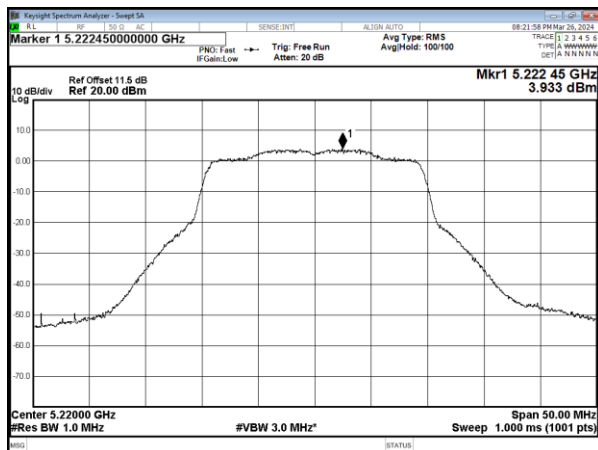


Modulation Standard: 802.11 ax HE40

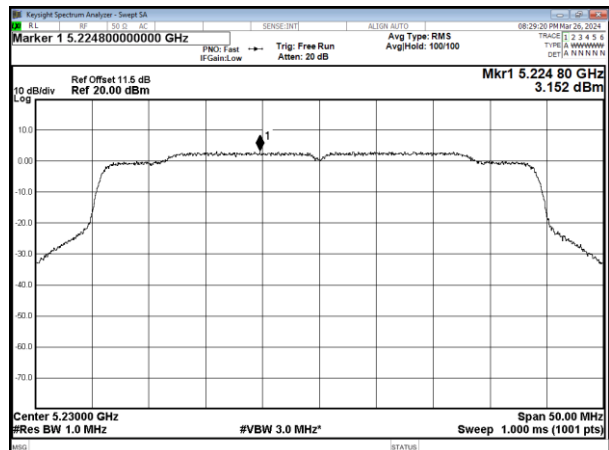
CH38



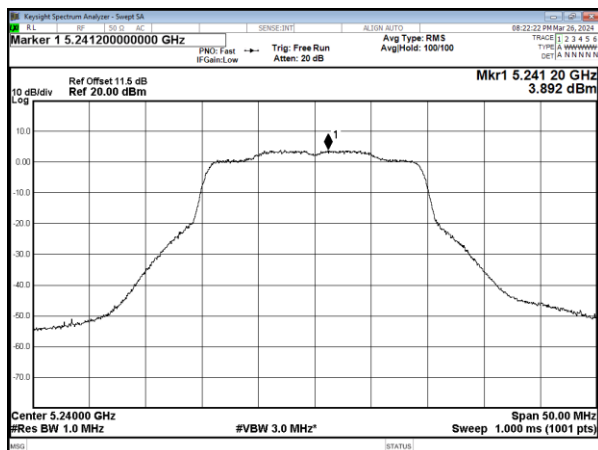
CH44



CH46

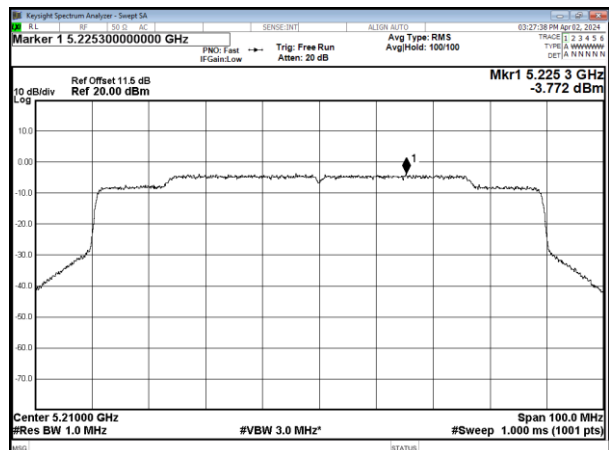


CH48



Modulation Standard: 802.11 ax HE80

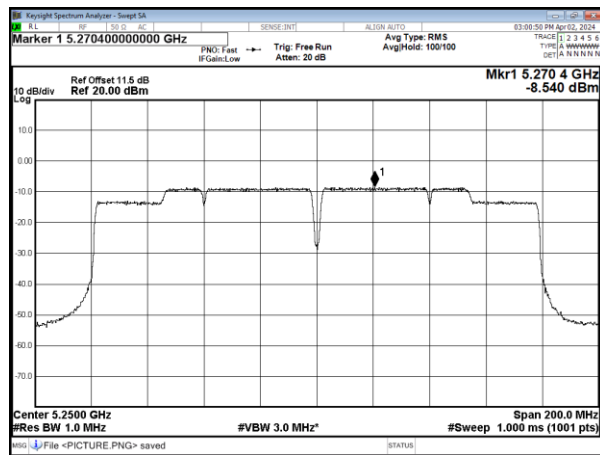
CH42





Modulation Standard: 802.11 ax HE160

CH50

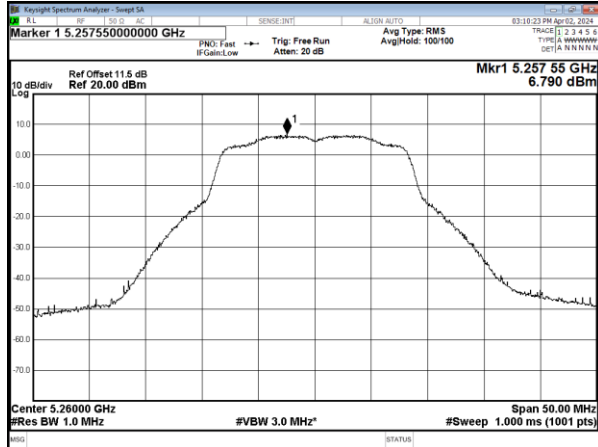




UNII-2A

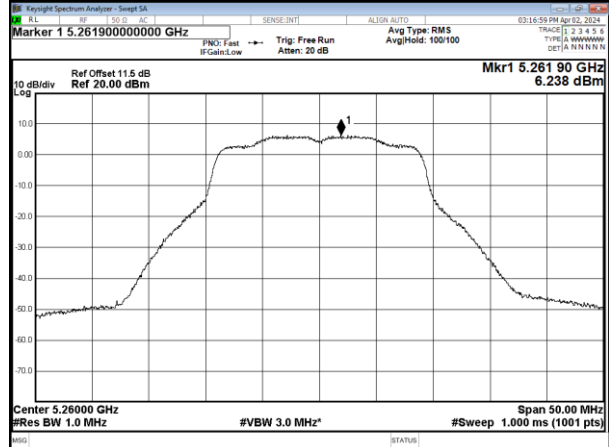
Modulation Standard: 802.11a

CH52

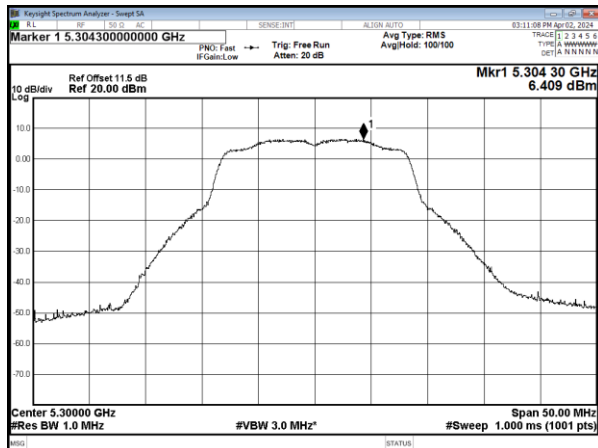


Modulation Standard: 802.11ac VHT20

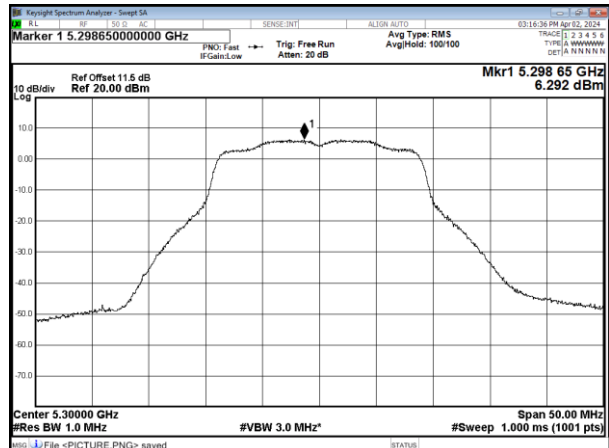
CH52



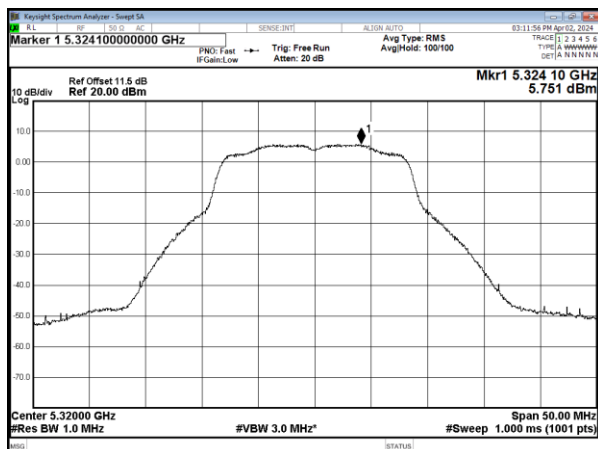
CH60



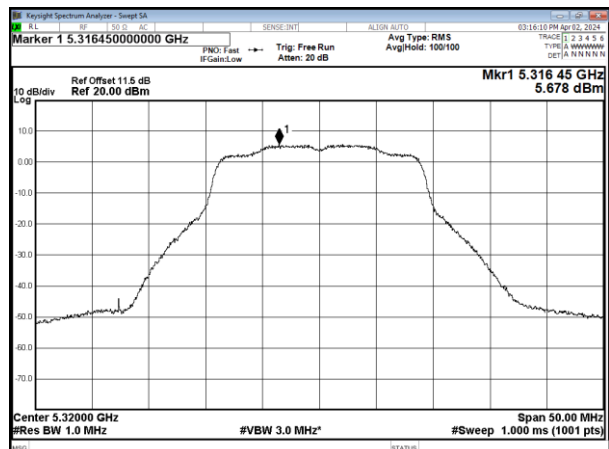
CH60



CH64



CH64

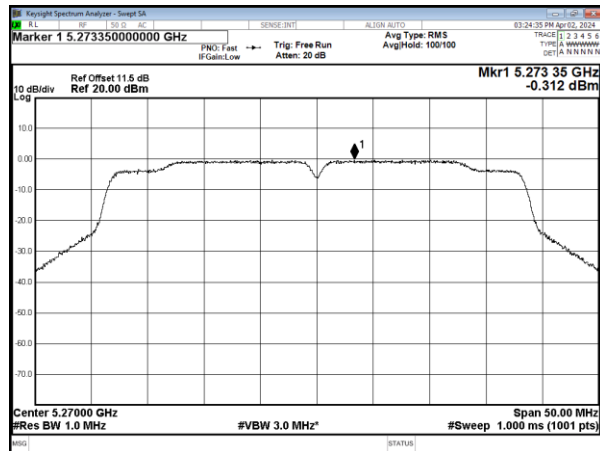




## UNII-2A

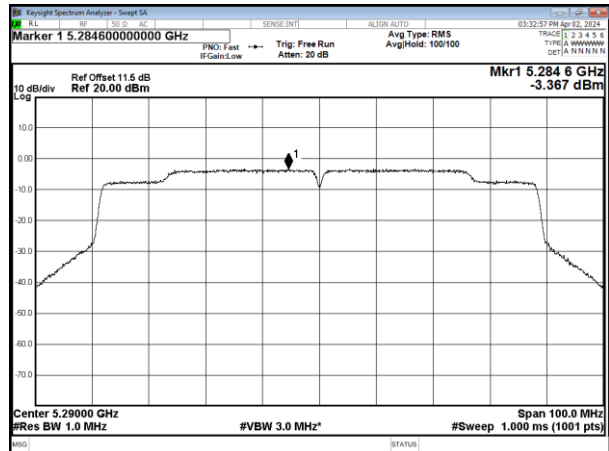
Modulation Standard: 802.11ac VHT40

CH54

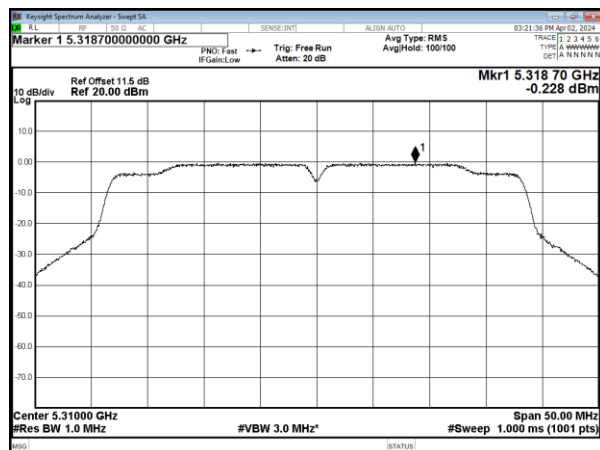


Modulation Standard: 802.11ac VHT80

CH58



CH62

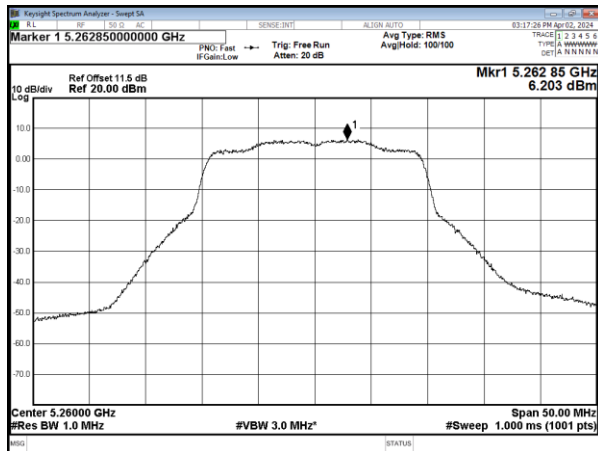




UNII-2A

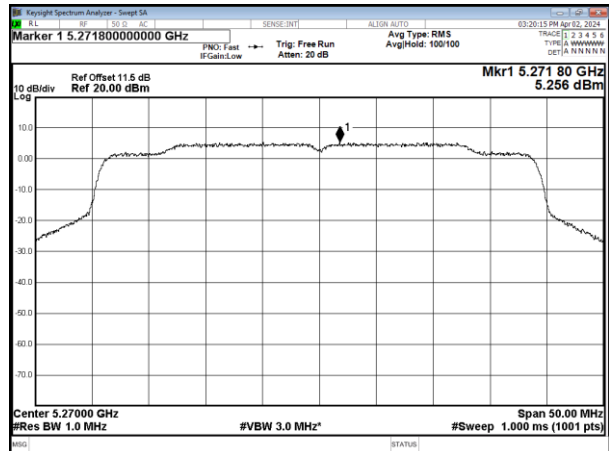
Modulation Standard: 802.11 ax HE20

CH52

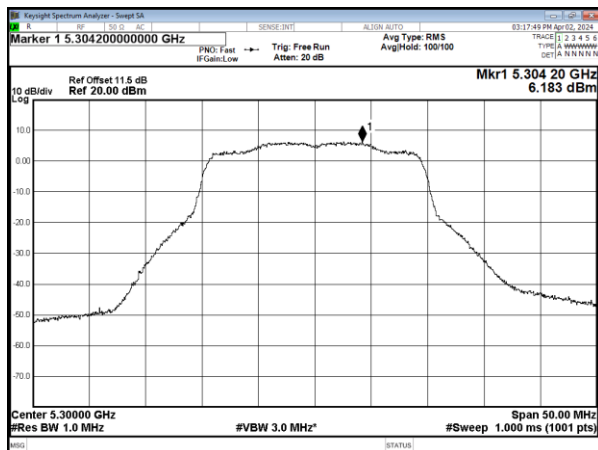


Modulation Standard: 802.11 ax HE40

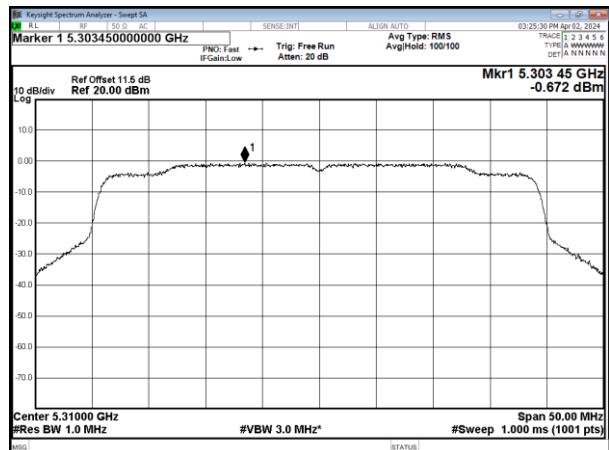
CH54



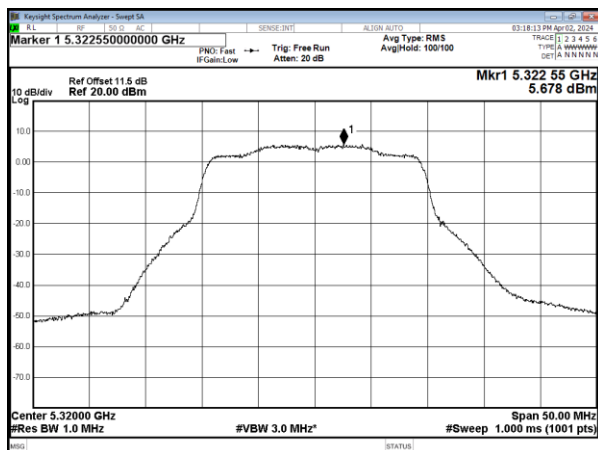
CH60



CH62

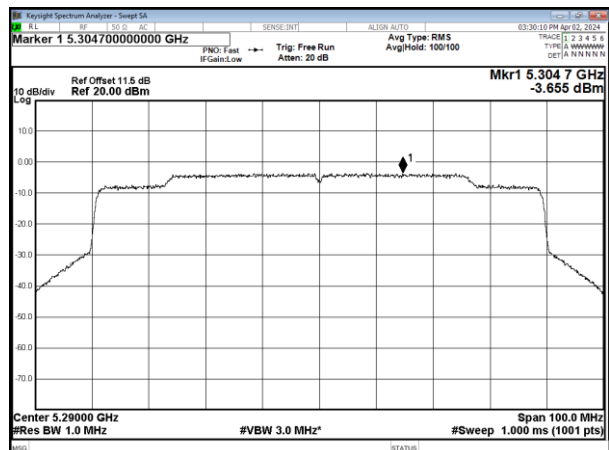


CH64



Modulation Standard: 802.11 ax HE80

CH58

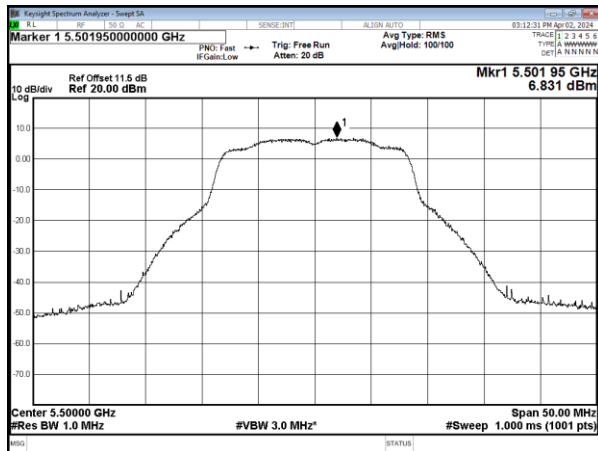




UNII-2C

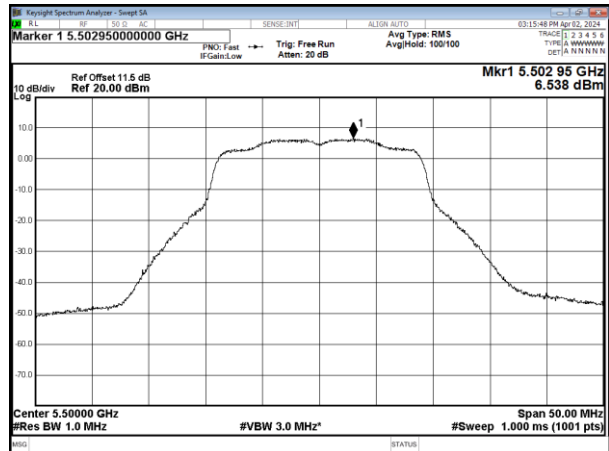
Modulation Standard: 802.11a

CH100

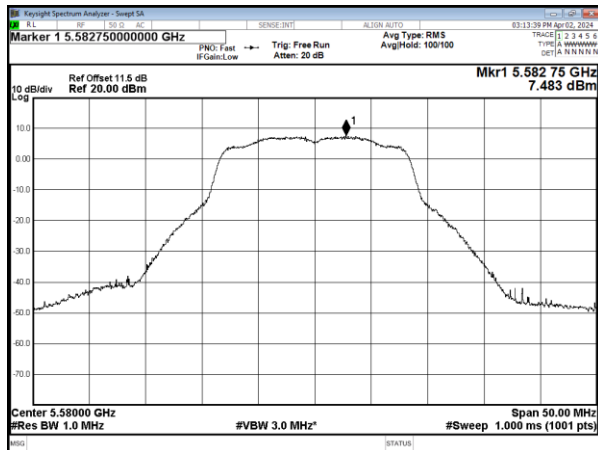


Modulation Standard: 802.11ac VHT20

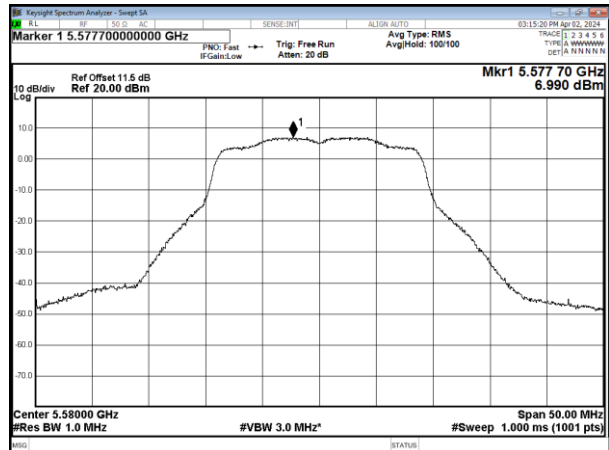
CH100



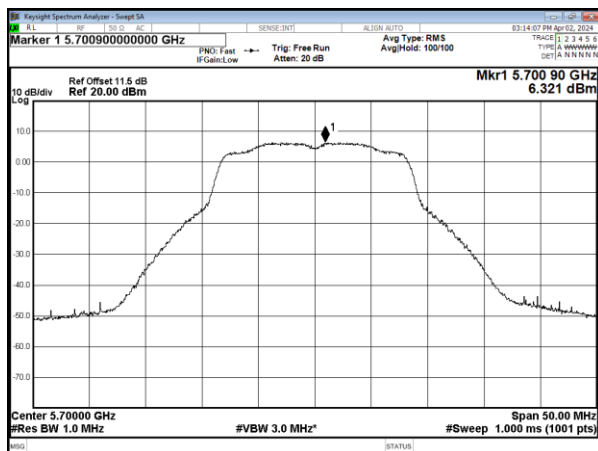
CH116



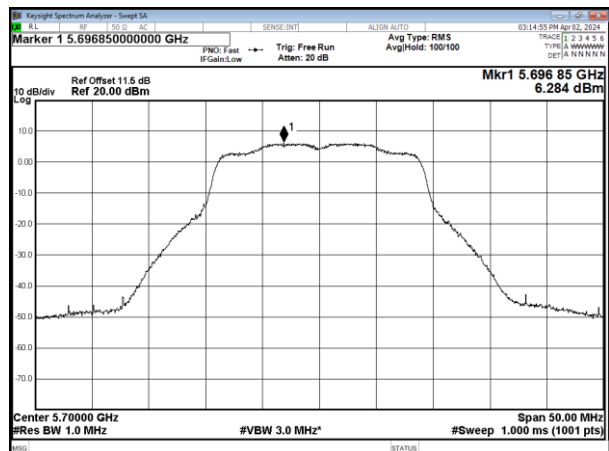
CH116



CH140



CH140

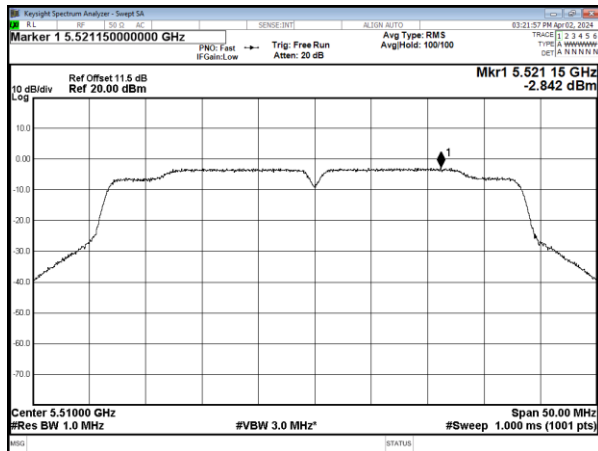




UNII-2C

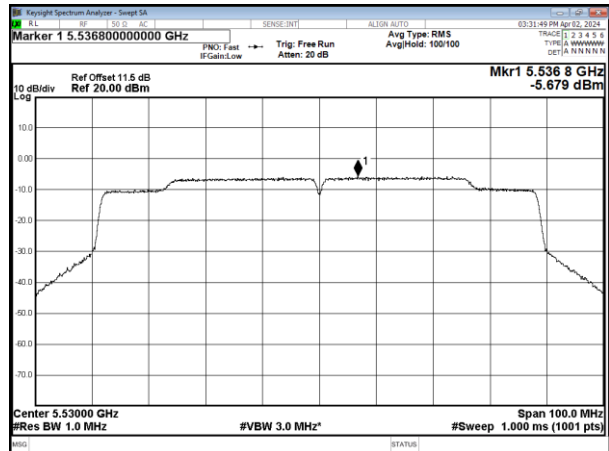
Modulation Standard: 802.11ac VHT40

CH102

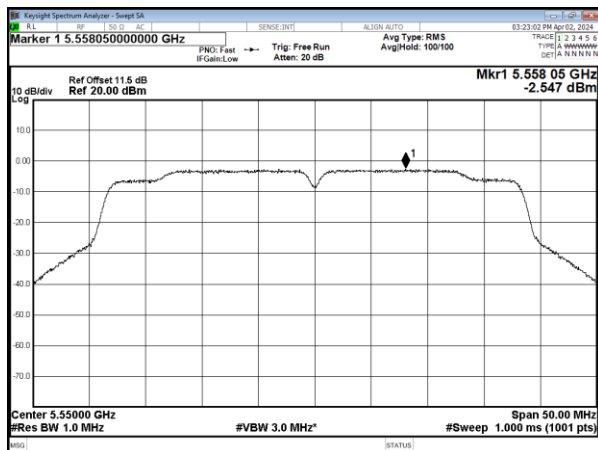


Modulation Standard: 802.11ac VHT80

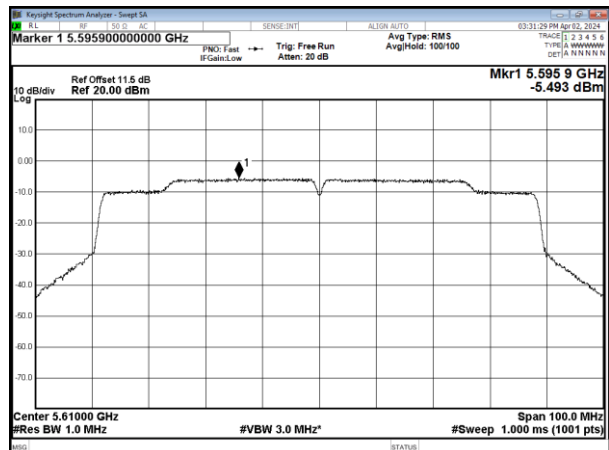
CH106



CH110

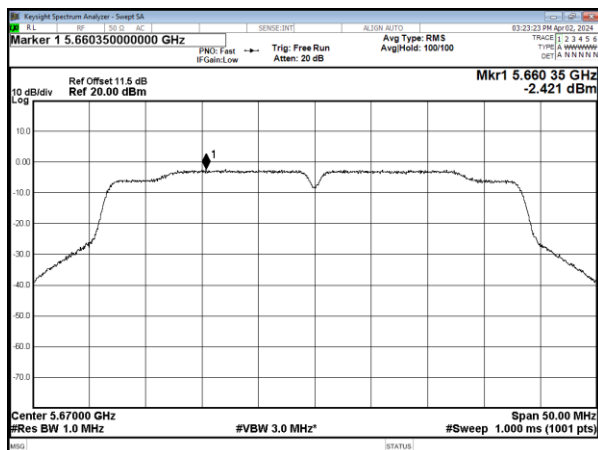


CH122

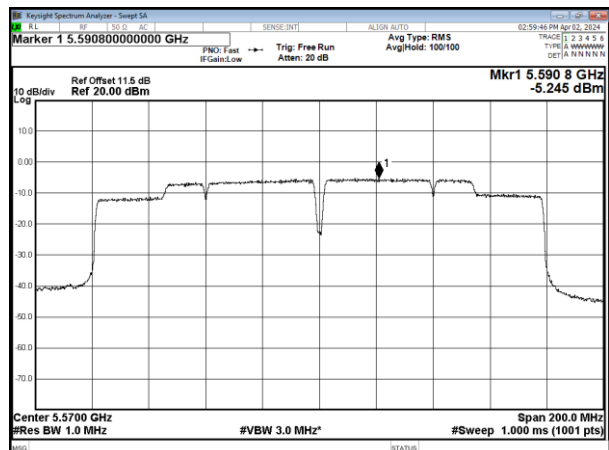


Modulation Standard: 802.11ac VHT160

CH134



CH114

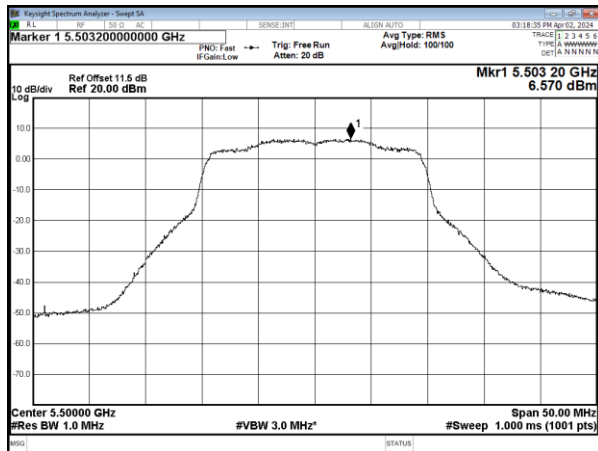




UNII-2C

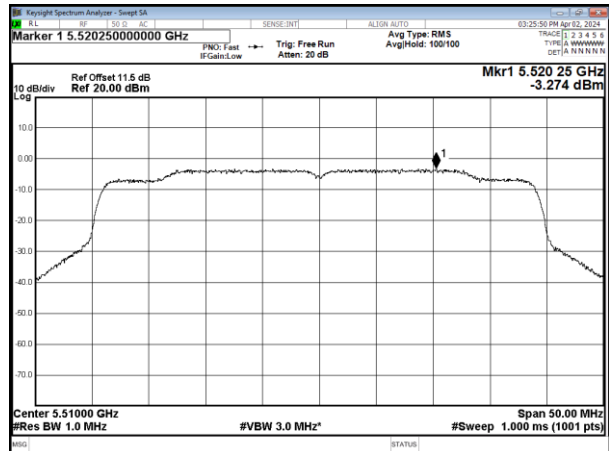
Modulation Standard: 802.11 ax HE20

CH100

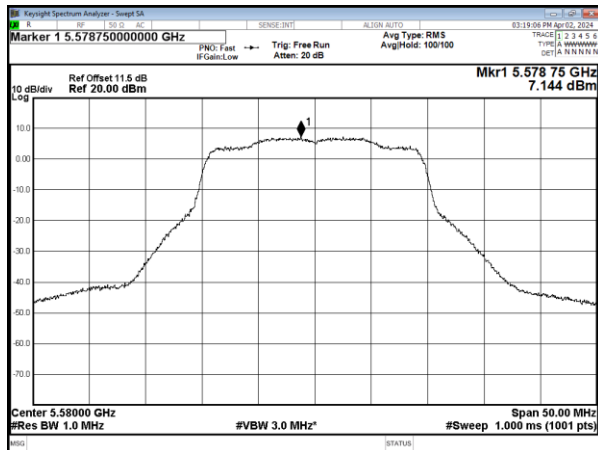


Modulation Standard: 802.11 ax HE40

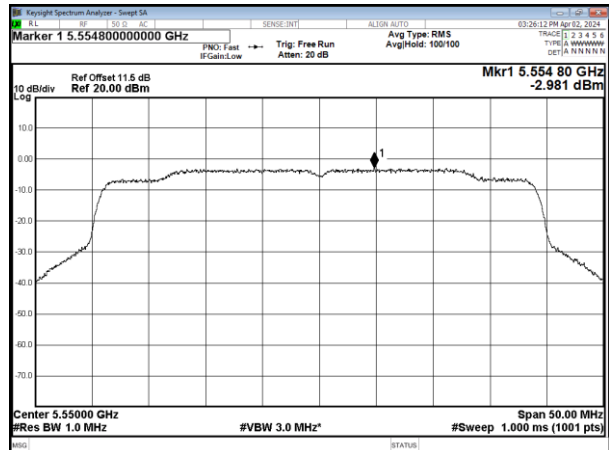
CH102



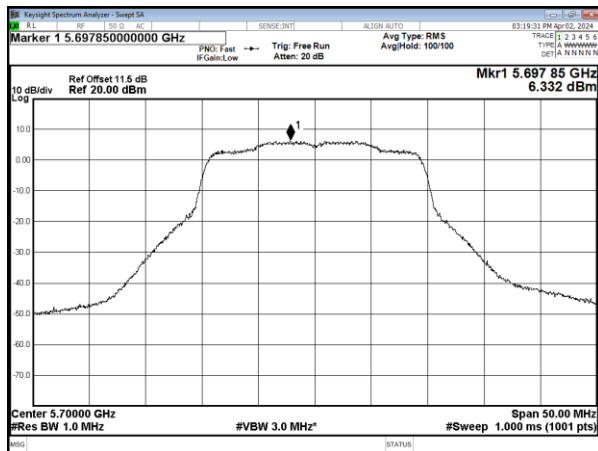
CH116



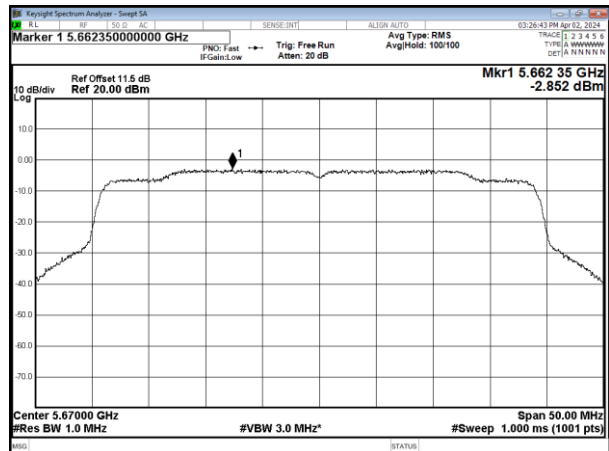
CH110



CH140



CH134

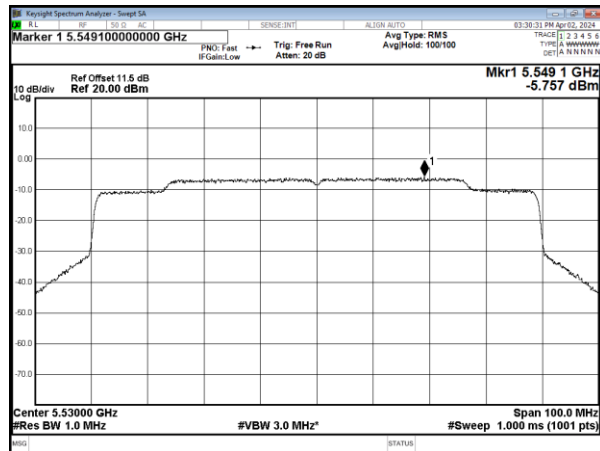




UNII-2C

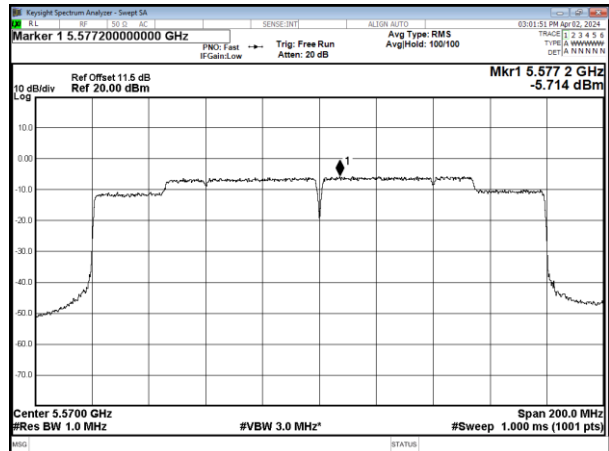
Modulation Standard: 802.11 ax HE80

CH106

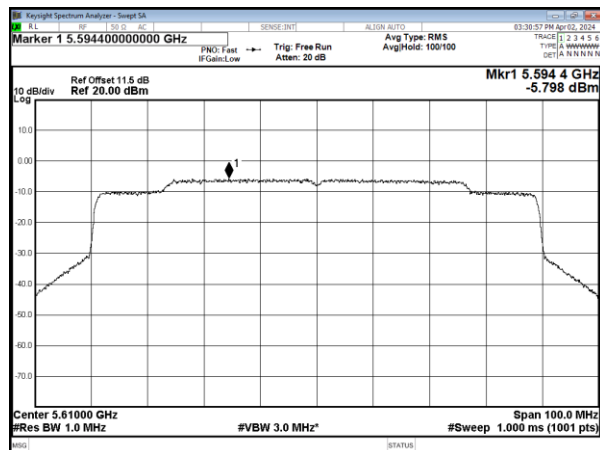


Modulation Standard: 802.11ax HE160

CH114



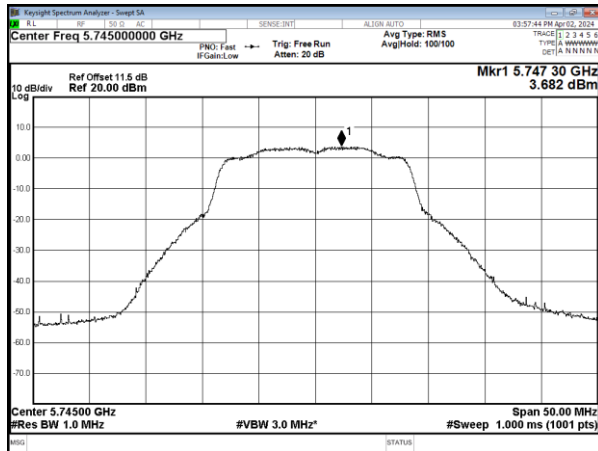
CH122



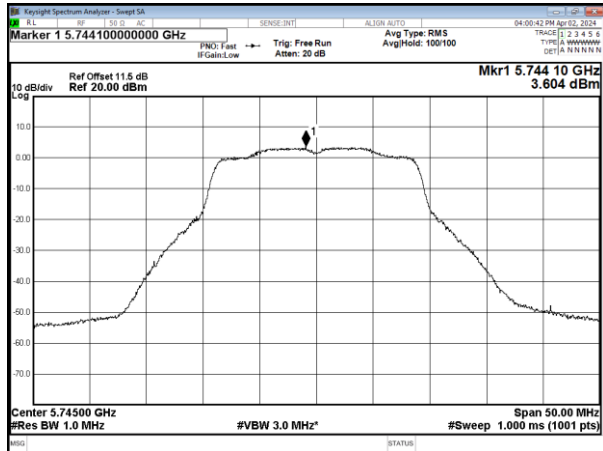


## UNII-3

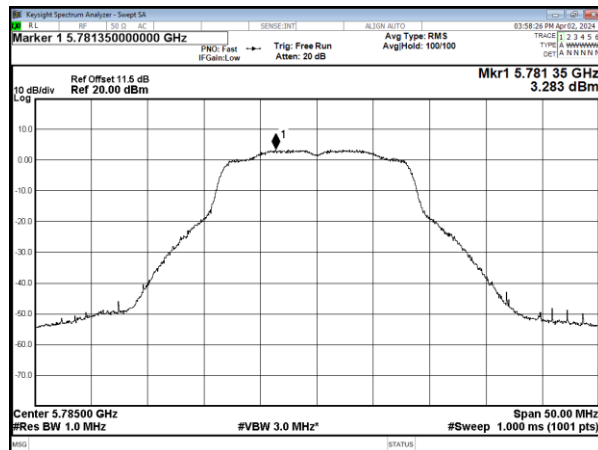
Modulation Type: 802.11a  
CH149



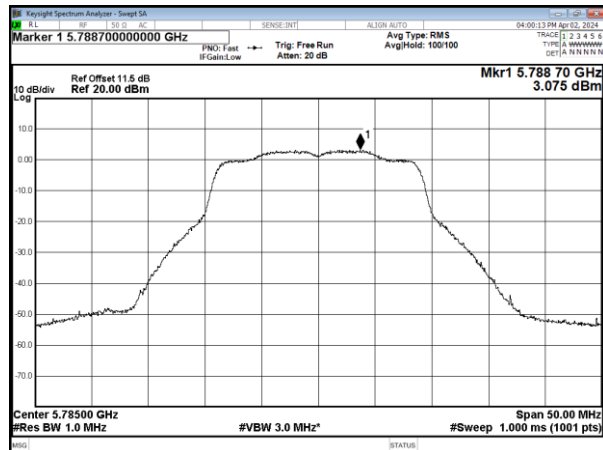
Modulation Type: 802.11ac, VHT20  
CH149



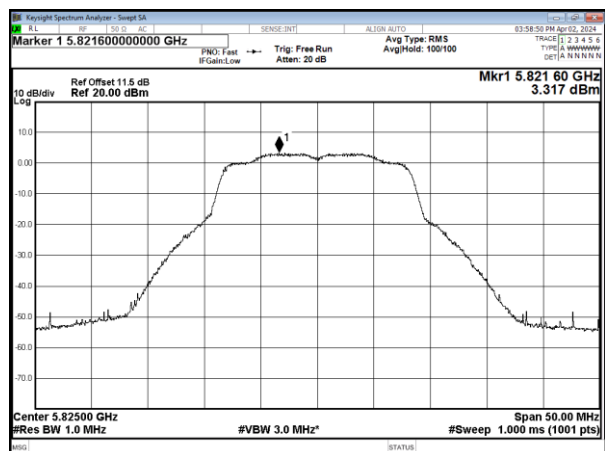
## CH157



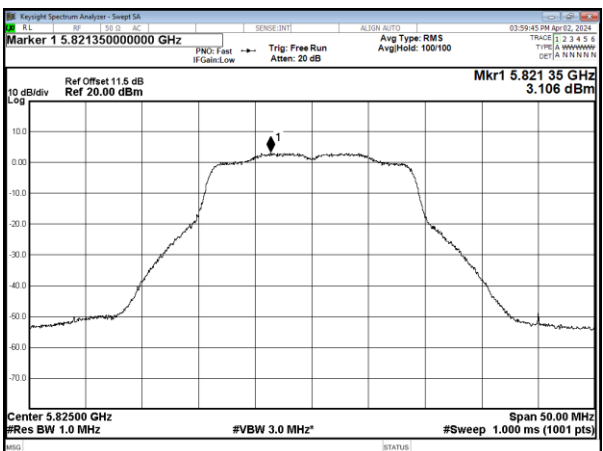
## CH157



## CH165

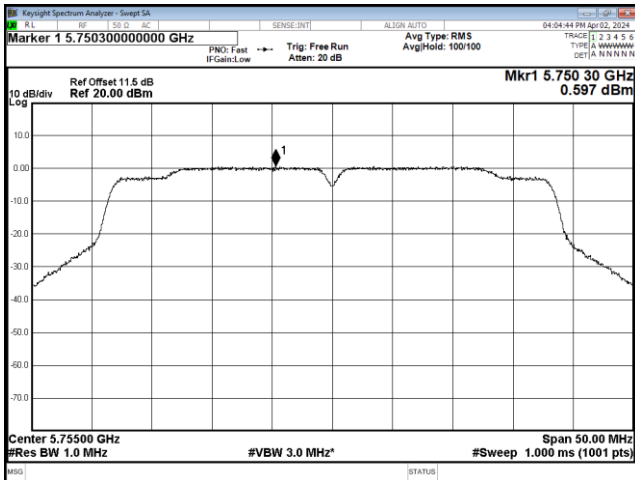
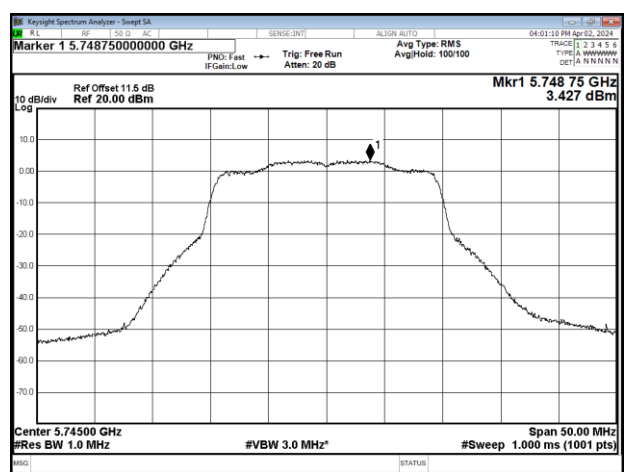


## CH165

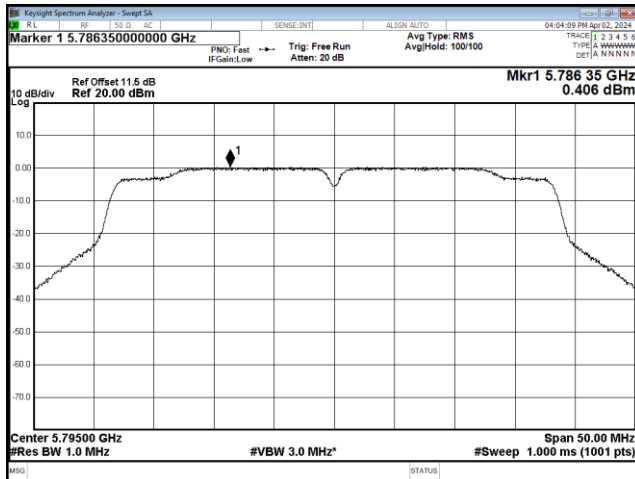




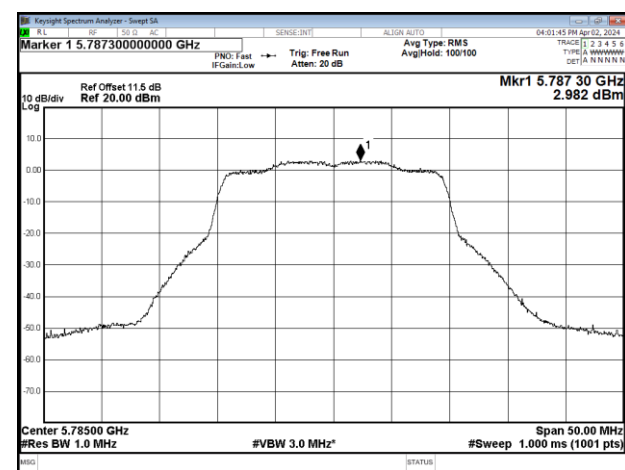
## UNII-3

Modulation Type: 802.11ac, VHT40  
CH151Modulation Type: 802.11nax HE20  
CH149

## CH159

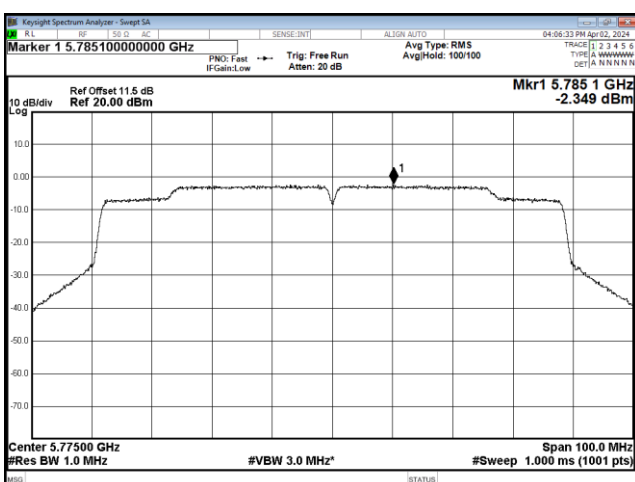


## CH157

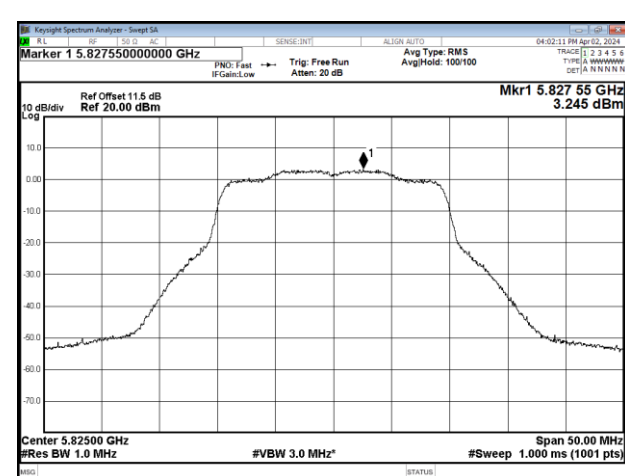


Modulation Type: 802.11ac, VHT80

## CH155



## CH165

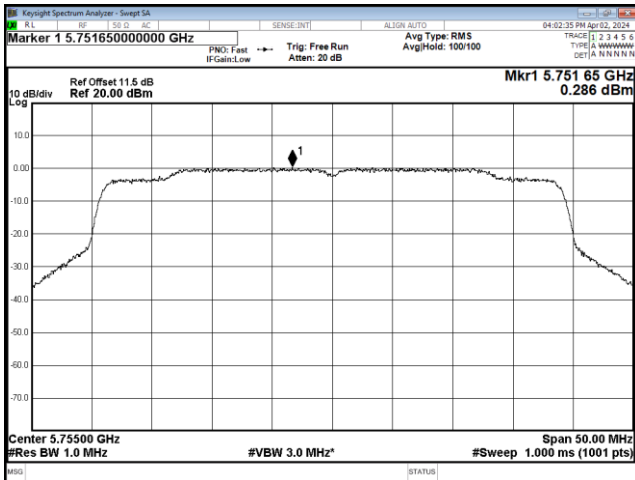




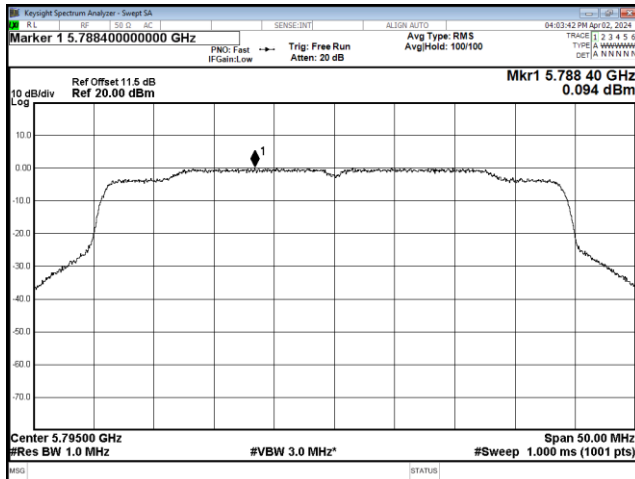
## UNII-3

Modulation Type: 802.11 ax HE40

CH151

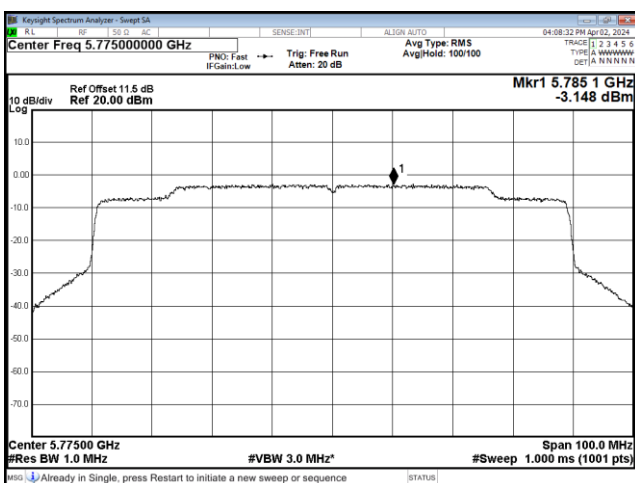


## CH159



Modulation Type: 802.11ax HE80

CH155

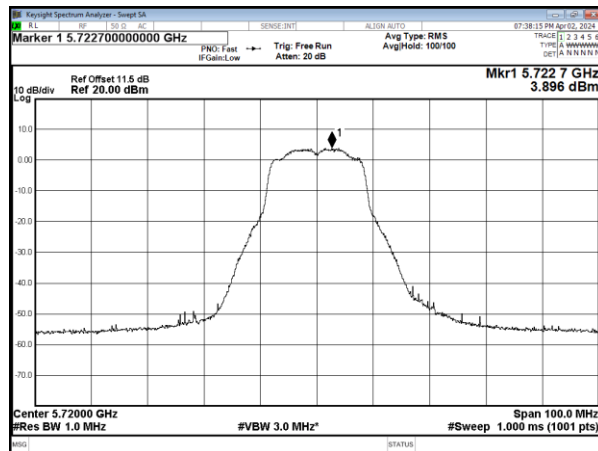




Band: Straddle Channel

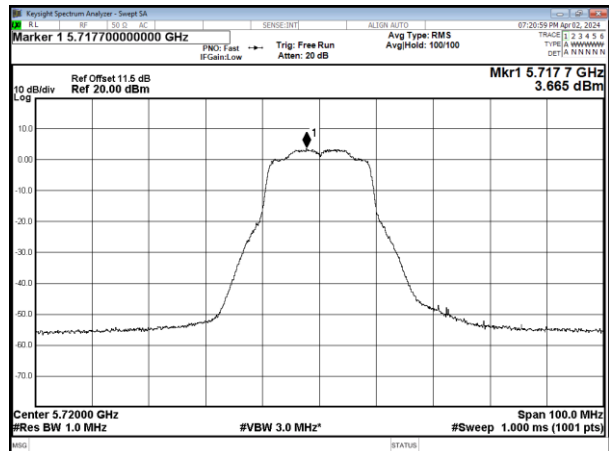
Modulation Standard: 802.11a

CH144



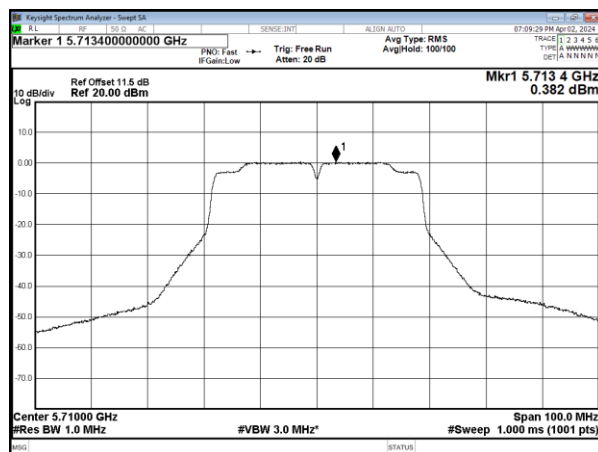
Modulation Standard: 802.11ac VHT20

CH144



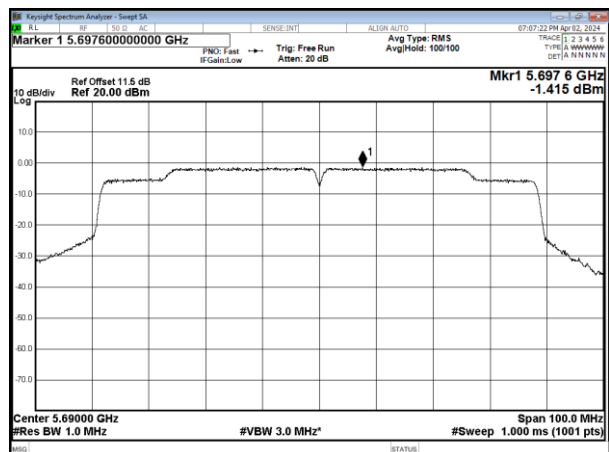
Modulation Standard: 802.11ac VHT40

CH142



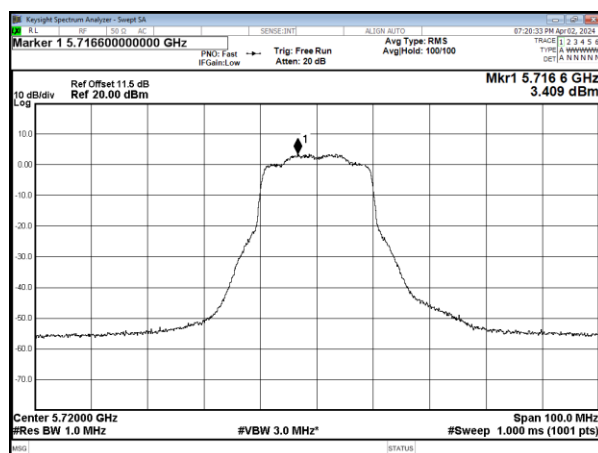
Modulation Standard: 802.11ac VHT80

CH138



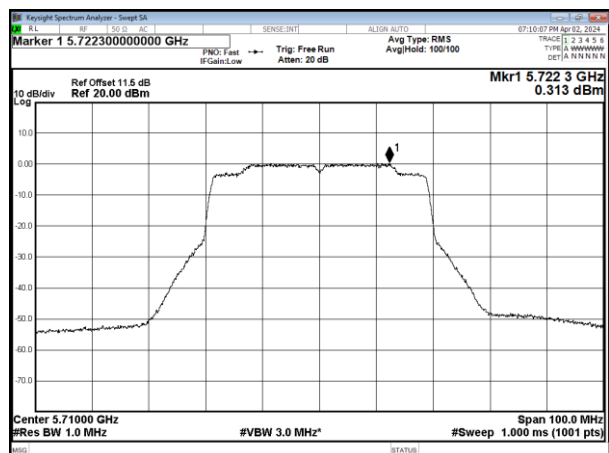
Modulation Standard: 802.11 ax HE20

CH144



Modulation Standard: 802.11 ax HE40

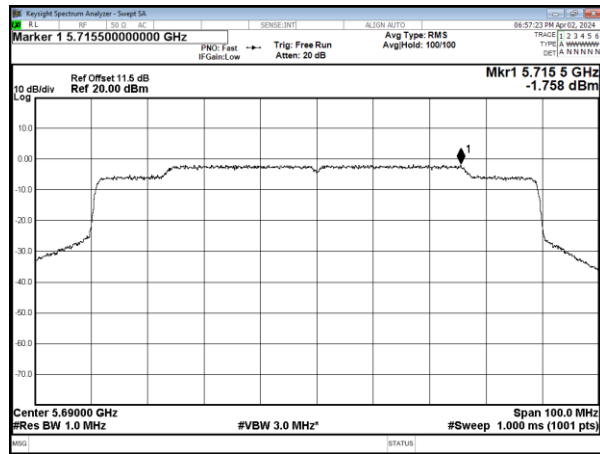
CH142





Modulation Standard: 802.11 ax HE80

CH138



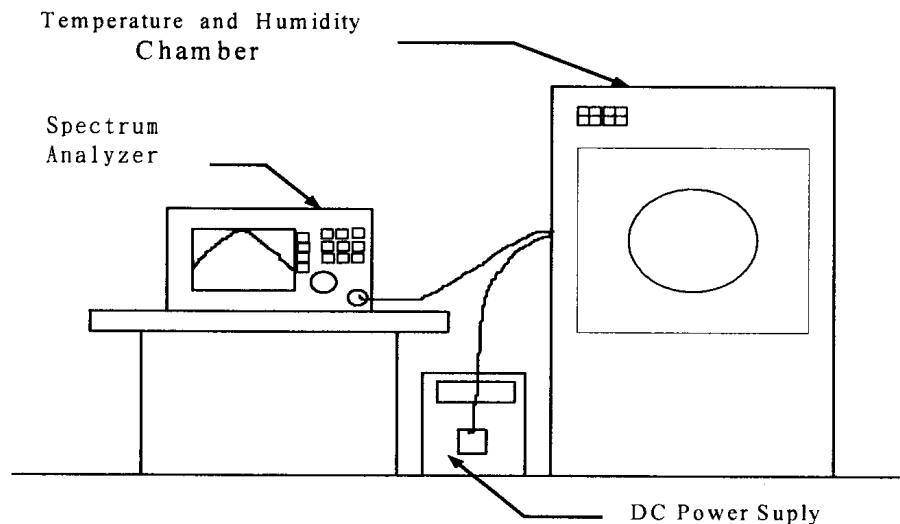


## 12. Frequency Stability

### 12.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

### 12.2. Test Setup Layout



**12.3. Test Result and Data**

| Operating frequency: 5180 MHz |              |           |           |           |           |           |          |
|-------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|----------|
| Temp                          | Power supply | 2 minute  |           | 5 minute  |           | 10 minute |          |
| (°C)                          | (V)          | (MHz)     | (%)       | (MHz)     | (%)       | (MHz)     | (%)      |
| 35                            | 132          | 5179.9732 | -0.000517 | 5179.9979 | -0.000041 | 5180.0074 | 0.000143 |
|                               | 120          | 5179.9766 | -0.000452 | 5179.9969 | -0.000060 | 5180.0067 | 0.000129 |
|                               | 108          | 5179.9681 | -0.000616 | 5179.9976 | -0.000046 | 5180.0057 | 0.000110 |
| 20                            | 132          | 5179.9579 | -0.000813 | 5179.9964 | -0.000069 | 5180.0049 | 0.000095 |
|                               | 120          | 5179.9592 | -0.000788 | 5179.998  | -0.000039 | 5180.005  | 0.000097 |
|                               | 108          | 5179.9596 | -0.000780 | 5179.9976 | -0.000046 | 5180.0051 | 0.000098 |
| 10                            | 132          | 5179.9536 | -0.000896 | 5179.9963 | -0.000071 | 5180.0046 | 0.000089 |
|                               | 120          | 5179.9598 | -0.000776 | 5179.9943 | -0.000110 | 5180.0025 | 0.000048 |
|                               | 108          | 5179.9648 | -0.000680 | 5179.9962 | -0.000073 | 5180.003  | 0.000058 |
| 0                             | 132          | 5179.9542 | -0.000884 | 5179.9942 | -0.000112 | 5180.0029 | 0.000056 |
|                               | 120          | 5179.9649 | -0.000678 | 5179.994  | -0.000116 | 5180.0034 | 0.000066 |
|                               | 108          | 5179.9765 | -0.000454 | 5179.9976 | -0.000046 | 5180.0046 | 0.000089 |

Limit:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

-----End of the report -----